Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (New) A body motion evaluation apparatus capable of being attached to a human body, comprising:

acceleration detecting means of detecting information about an acceleration produced with a motion of a human body;

calculating means of performing predetermined calculation based on said information about the acceleration detected by said acceleration detecting means;

calculation controlling means of setting a predetermined calculation time period in said calculation by said calculating means; and

signal receiving means of receiving from outside a first behavior detection signal including information about detection of a start or end of a first predetermined behavior of said human body,

wherein said calculation controlling means determines a start point of said calculation based on said first behavior detection signal received by said signal receiving means, and sets as said calculation time period a time period from said start point until predetermined time elapses.

14. (New) A body motion evaluation apparatus capable of being attached to a human body, comprising:

acceleration detecting means of detecting information about an acceleration produced with a motion of a human body;

calculating means of performing predetermined calculation based on the information about the acceleration detected by the acceleration detecting means;

calculation controlling means of setting a predetermined calculation time period in the calculating means; and

signal receiving means of receiving from outside a first behavior detection signal including information about detection of a start or end of a first predetermined behavior of the human body, and of receiving from outside a second behavior detection signal including information about detection of a start or end of a second predetermined behavior of the human body,

wherein the calculation controlling means determines a start point of the calculation based on the first behavior detection signal received by the signal receiving means, determines an end point of the calculation based on the second behavior detection signal, and sets as the calculation time period a time period between the start point of the calculation and the end point.

15. (New) The body motion evaluation apparatus according to claim 13, comprising controlling means of controlling said acceleration detecting means, wherein said controlling means turns on the power of said acceleration detecting means at a time when said first behavior detection signal is detected by said signal receiving means, and turns off the power of said acceleration detecting means after predetermined time elapses.

16. (New) The body motion evaluation apparatus of claim 14, comprising controlling means of controlling the acceleration detecting means,

wherein the controlling means turns on the power of the acceleration detecting means from a time when the first behavior detection signal is detected by the signal receiving means, and turning off the power of the acceleration detecting means from a time when the second behavior detection signal is detected.

17. (New) A body motion evaluation system comprising:

the body motion evaluation apparatus according to claim 13 or claim 15; and

first behavior detecting means of detecting a start or end of said first predetermined behavior of said human body, and outputting said first behavior detection signal.

18. (New) A body motion evaluation system comprising:

first behavior detecting means of detecting a start or end of the first predetermined behavior of a human body and outputting the first behavior detection signal;

second behavior detecting means of detecting a start or end of the second predetermined behavior of a human body and outputting the second behavior detection signal; and

the body motion evaluation apparatus of claim 14 or claim 16.

19. (New) The body motion evaluation system according to claim 17, wherein said first behavior detecting means is infrared light projecting means or electric field generating means, and

said signal receiving means is (1) infrared light receiving means or (2) electric field receiving means and signal demodulating means.

20. (New) The body motion evaluation system of claim 18, wherein at least one of the first behavior detecting means and the second behavior detecting means is infrared light projecting means or electric field generating means, and

the signal receiving means is (1) infrared light receiving means or (2) electric field receiving means and signal demodulating means.

21. (New) The body motion evaluation system according to claim 17, wherein said first behavior detecting means comprises

(1) signal sending means of sending said first behavior detection signal; and

(2) passage detecting means of detecting a passage state in which an object passes through a predetermined detection range, door opening/closing means of detecting open/close of a predetermined door, or load detecting means of detecting a load of an object at a predetermined location.

22. (New) The body motion evaluation system of claim 18, wherein the first behavior detecting means or the second behavior detecting means comprises:

(1) signal sending means of sending the first or second behavior detection signal; and

(2) passage detecting means of detecting a passage state in which an object passes through a predetermined detection range, door opening/closing means of detecting open/close of a predetermined door, or load detecting means of detecting a load of an object at a predetermined location.

23. (New) The body motion evaluation system of claim 22, wherein the passage detecting means is a floor reaction force sensor within a predetermined detection range or a distance sensor detecting a shield.

24. (New) The body motion evaluation system according to claim 22, wherein said load detecting means is departure/seating detecting means of detecting a departure state in which an object departs from a toilet seat, or detecting a seating state in which said object is seated on said toilet seat.

25. (New) The body motion evaluation system according to claim 24, wherein said departure/seating detecting means comprises

(1) a load sensor detecting a load applied to said toilet seat;

(2) departure/seating state determining means of determining a departure state from a load detected by said load sensor.

26. (New) The body motion evaluation system according to claim 25, wherein said departure/seating state determining means

(1) makes a determination as said departure state at a time when the load detected by said load sensor is detected as a load equal to or smaller than a first predetermined value, or

(2) makes a determination as said departure state at a time when the load detected by said load sensor is detected as a load equal to or smaller than the first predetermined value, and predetermined time elapses.

27. (New) The body motion evaluation system according to claim 25, wherein said departure/seating state determining means determines that said object is in a seating sate at a time when it is detected that the load detected by said load sensor is equal to or greater than the first predetermined value.

28. (New) The body motion evaluation apparatus according to claim 13 or claim 14, wherein said acceleration detecting means detects

(1) a first acceleration being an acceleration in a body axis direction of said human body; and

(2) at least any one of a second acceleration being an acceleration orthogonal to said body axis direction and in a front direction of said human body, and a third acceleration orthogonal to both the body axis direction of said human body and the front direction of the human body.

29. (New) The body motion evaluation apparatus according to claim 28, wherein said acceleration detecting means detects an acceleration direction of gravity based on said first acceleration and said second acceleration detected.

30. (New) The body motion evaluation apparatus according to claim 13 or claim 14, wherein said calculating means calculates the result of integration of a variation in a signal obtained by said acceleration detecting means, or a period of variation in said signal.

31. (New) The body motion evaluation system of claim 17, wherein the body motion evaluation apparatus further comprises:

storing means of storing results of calculation by the calculating means; and

displaying means of displaying results of calculation by the calculating means,

wherein the displaying means displays in time sequence the stored results stored in the storing means.

32. (New) The body motion evaluation system of claim 31, wherein the body motion evaluation apparatus further comprises internal sending means of sending the results of calculation by the calculating means or the stored results stored in the storing means, and

the body motion evaluation system further comprises

(1) external receiving means of receiving the sent results sent by the internal sending means; and

(2) second displaying means of displaying the sent results.

33. (New) The body motion evaluation system of claim 32, wherein the internal sending means sends contents to be sent when a stored result is newly added in the storing means, or when the calculation is performed by the calculating means.

34. (New) The body motion evaluation system of claim 31, further comprising second storing means of storing received results received by the external receiving means.

35. (New) The body motion evaluation system of claim 34, further comprising inputting means of selecting any of the stored results stored in the second storing means, and making the second displaying means display the selected result.

36. (New) A program of making a computer function as the calculating means and the calculation controlling means of the body motion evaluation apparatus of claim 13 or claim 14.

37. (New) A recording medium carrying the program of claim 36, which can be processed by a computer.